

## CLAIMS

1. A deodorizing filter comprising a first deodorizing filter regulated so as to have a high-pH environment and a second deodorizing filter regulated so as to have a low-pH environment.

2. The deodorizing filter as recited in claim 1, wherein the first deodorizing filter and the second deodorizing filter are filters of a metal phthalocyanine complex supported on an active-carbon-filled paper.

3. The deodorizing filter as recited in claim 1, wherein the first deodorizing filter and the second deodorizing filter are filters of a cobalt phthalocyanine complex supported on an active-carbon-filled paper.

4. The deodorizing filter as recited in any one of claims 1 to 3, wherein the first deodorizing filter and/or the second deodorizing filter are filters of a cobalt phthalocyanine complex and an iron phthalocyanine complex supported on an active-carbon-filled paper.

5. The deodorizing filter as recited in any one of claims 1 to 3, wherein the first deodorizing filter is a filter of a cobalt phthalocyanine complex and an iron phthalocyanine complex

supported on an active-carbon-filled paper.

6. The deodorizing filter as recited in claim 1, wherein the first deodorizing filter and the second deodorizing filter are filters of a cobalt phthalocyanine complex and an iron phthalocyanine complex supported on an active-carbon-filled paper.

7. The deodorizing filter as recited in any one of claims 4 to 6, wherein the weight ratio of the complexes supported, cobalt phthalocyanine complex/iron phthalocyanine complex, is 98/2 to 55/45.

8. The deodorizing filter as recited in any one of claims 4 to 6, wherein the weight ratio of the complexes supported, cobalt phthalocyanine complex/iron phthalocyanine complex, is 95/5 to 85/15.

9. The deodorizing filter as recited in any one of claims 1 to 8, wherein the pH of the high-pH environment is 7.5 to 12.0 and the pH of the low high-pH environment is 1.5 to 5.0.

10. The deodorizing filter as recited in any one of claims 2 to 9, wherein the amount of the complexes supported is in the range of 200 to 20,000  $\mu\text{g}$  with respect to 1 g of the

active-carbon-filled paper.

11. The deodorizing filter as recited in any one of claims 2 to 10, wherein the active-carbon-filled paper contains active-carbon at a content of 40 to 80 mass %.